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PATENT  
ATTORNEY DOCKET NO. 046124-5368

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Osamu YOGI et al.

Application No.: 10/529,060

Filed: March 24, 2005

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Group Art Unit: Unassigned

Examiner: Unassigned

For: MIXED LIQUID DROPLET FORMING METHOD AND APPARATUS, INK JET  
PRINTING METHOD AND APPARATUS, AND INK JET PRINTING ELECTRODE-  
ATTACHED NOZZLE

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. As for any document listed on the accompanying PTO-1449 that is in a language other than English, relevance can be understood from an enclosed English abstract or at least partial translation or from mention in the specification or search report for a corresponding application.


This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitutes "prior

art." If it should be determined that the listed document does not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**



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Dated: October 12, 2005

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**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

PTO Form 1449

(Page 1 of 1)

Attorney Docket No.

046124-5368

Serial No.

10/529,060

Applicants

Osamu YOGI et al.

Filing Date

March 24, 2005

Group

unassigned

**U.S. PATENT DOCUMENTS**

| *Examiner Initial | Document Number | Date          | Name     | Class | Sub Class | Filing Date   |
|-------------------|-----------------|---------------|----------|-------|-----------|---------------|
|                   | 5,528,046       | Jun. 18, 1996 | Ishikawa | 250   | 461.2     | Nov. 10, 1993 |
|                   | 5,965,446       | Oct. 12, 1999 | Ishikawa | 436   | 5         | Oct. 24, 1997 |
|                   |                 |               |          |       |           |               |
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|                   |                 |               |          |       |           |               |
|                   |                 |               |          |       |           |               |

**FOREIGN PATENT DOCUMENTS**

|  | Document Number  | Date          | Country | Class | Sub Class | Translation |    |
|--|--|---------------|---------|-------|-----------|-------------|----|
|  |  |               |         |       |           | YES         | NO |
|  | JP 06-148076<br>(Corresponds to US Patent 5,528,046)   | May 24, 1994  | Japan   |       |           |             | X  |
|  | JP 2000-111477   | Apr. 21, 2000 | Japan   |       |           | Abstract    |    |
|  | JP 10-185782<br>(Corresponds to U.S. Patent 5,965,446) | Oct. 24, 1996 | Japan   |       |           |             | X  |
|  | JP 53-153979   | Dec. 11, 1978 | Japan   |       |           | Abstract    |    |
|  |  |               |         |       |           |             |    |
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|  |  |               |         |       |           |             |    |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.